NL00210 USER MANUAL

LED PAR 64 -- 177LEDs X 10mm RGB

⚠️CAUTION

Keep this device away from rain and moisture!
Unplug mains lead before opening the housing!

First thanks for your use our LED par light.

Everyone involved with the installation, operation and maintenance of this device has to
・be qualified
・follow the instructions in this manual and consider this manual to be part of the total product
・keep this manual for the entire service life of the product
・pass this manual on to every further owner or user of the product
・include every supplementary update with the original manual

Before your initial start-up please make sure that there is no damage caused during shipment.
Should there be any, please don't use the device and consult your supplier.

I.SAFETY INSTRUCTIONS

⚠️**CAUTION**: Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires!

This device has left our premises in absolutely perfect condition.In order to maintain this condition and to ensure a safe operation,it is absolutely necassary to follow the safety or problems.

⚠️**Important:** Damages caused by the disregarding of this user manual will void the Warranty. The dealer will not accept liability for any resulting defects or problems.

If the device has been exposed to drastic temperature fluctuation (e.g.after a delivery), dont switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
This device is designed for indoor use only! It must be used in an area with good ventilation.

Do not shake the device. Avoid brute force when installing or operating. This device is allowed to be operated with an AC of 90V-240V. It falls under protection-class I. The power plug must be only be plugged into a protection-class I outlet. The yellowish-green or green conductor must be earthed!

Check the device and the power cord from time to time. Make sure the power cord is not crimped or damaged by sharp edges. Never let the power cord come into contact with other cables! Always connect the device to the mains . Always disconnect from the mains when the device is not in use or before cleaning it. Never leave the device running unattended.

Operate the device only after having familiarized with its functions. Keep away children and amateurs from the device! Do not permit operation by person not qualified to operate the device. Most damages are the result of unprofessional operation!

There are no serviceable parts inside the device. Maintenance and service operations can be only carried by a qualified person. Please consider that unauthorized modifications on the device are forbidden due to safety reasons! Please note that damages caused by manual modifications on the device or unauthorized operation by unqualified persons are not subject to warranty.

If this device is operated in any away different to the one described in this Manual it may cause damage and the guarantee becomes void.   Furthermore, any other operation may lead to dangers like short-circuit,burns, electric shock, etc.

II.OPERATION

Menu extension

Press the Menu button to choose different submenu .

Press the Up or Down buttons to select the submenu you need ,choose it, press enter button to save it .

When you are at submenu press "Menu" button back to the "primary menu" press "Enter" come into next menu.

When the display flashes press "UP" or "Down" to change the parameter, press "Enter" to save it then press "Menu" button again ,it will not flash. That means you changed the parameters.

If there is signals input ,indicating lamp will be lit.

Auto Operation

Press the Menu button until it shows one of   CG01/CJ01/CP01/dEoo

They mean color gradient /color jump/color pulse/Demo Mode.

Press Up or Down button to select one of them the device will be operated automatically by the built-in programs.

Press enter button ,the display will show CG01, CJ01 or CP01 ,press Up the digital will go up until   CG01, CJ01 or CP01.

 CG01, CJ01 or CP01 is the speed of different built-in programs.

Press Up or Down button to select .

Press Enter button to save.

Music Operation

Press the Menu button until shows SOUD.

Press Up or Down button to select .

Press Enter button to save (the device will be operated by the music signal received by the built-in micro-phone).

DMX512 connection

⚠️The wires must not come into contact with each other, otherwise the fixtures will not work at all, or not work properly.

Only use a stereo shielded cable and 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

DMX start address setting

The device has maximum 7channels.if you set, for example, the start address to channel 1, the device will use the channels #1st to7th for control to.the first available channels for the next fixture will be the 8th please be sure that you do not have any overlapping channels in order to control each device correctly and independently form any other fixture on the DMX chain.if two ,three or more devices are addressed similarly, they will work similarly.

Press the Menu button until it shows AXXX ,XXX is the address your set last time .

Press Up or Down button to select your desired address ,ect. A001.

Press Enter button to save .

DMX control mode selection

The device has 3 channel modes, Mode A is 3 channels ,Mode B is 4 channels ,Mode C is 7 channels .If 2,3 or more devices are set to same mode, they will work similarly .

Press the Menu until it shows CHAN, press Enter ,then press UP or DOWN to select you desired mode,etc,mode A.

		DE-5	⇒	Demo mode5
	⇒	DE-6	⇒	Demo mode6
MAST		NO/YES		

LED digital display window Function CRT:

A001	⇒	A512	⇒	DMX512
CHAN	⇒	3CH	⇒	Channel mode selection
		4CH		
		7CH		
CG00	⇒	CG01-CG99	⇒	Color gradient (slow to fast)
CJ00	⇒	CG01-CJ99	⇒	Color jump (slow to fast)
CP00		CP01-CP99		Color pulse (slow to fast)
MANU	⇒	R001 (R000-R255) G001(G000-G255) B001 (B000-B255)	⇒	Manual operation (RGB dimmer)
STOB	⇒	S001 (S000-S55)	⇒	Sync strobe
		F001 (F000-F255)		Pulse strobe
SOUD	⇒	SO-0	⇒	Sound control with random change color
		SO-1		Sound control with random strobe
DEMO	⇒	DE-0	⇒	Demo mode
	⇒	DE-1	⇒	Demo mode1
	⇒	DE-2	⇒	Demo mode2
	⇒	DE-3	⇒	Demo mode3
	⇒	DE-4	⇒	Demo mode4

Mode A:

3CH		
NO.	Value	Function
CH1	0-255	Red
CH2	0-255	Green
CH3	0-255	Blue

Mode B:

4CH		
NO.	Value	Function
CH1	0-255	Strobe
CH2	0-255	Red
CH3	0-255	Green
CH4	0-255	Blue

Mode C:

7CH		
NO.	Value	Function
CH1	0-255	Master dimmer
CH2	0-255	Red color dimmer
CH3	0-255	Green color dimmer
CH4	0-255	Blue color dimmer
CH5	0-16	N/A
Use ch7	17-33	blue

adjust speed	34-50	green
	51-67	Green+blue
	68-84	red
	85-100	Red+blue
	101-118	Red+green
	119-125	Red+green+blue
	126-136	CG Color gradient
	137-147	CJ Color jump
	148-158	CP Color pulse
	159-169	Demo mode 1
	170-180	Demo mode 2
	181-191	Demo mode 3
	192-202	Demo mode 4
	203-213	Demo mode 5
	214-224	Demo mode6
	225-235	Demo CG+CJ+CP
	236-246	Sound control with color gradient
	247-255	Sound control with strobe
CH6	0-4	Strobe close
	5-127	Sync strobe slow to fast
	128-255	Pulse strobe slow to fast
CH7	0-255	Speed work with CH5

III. Technical specifications

Power supply:	AC90-250V,50-60Hz
Power consumption:	50W max
LED quantity:	177X10mmLEDs(Red 59+Green 59+Blue59)
Service life:	Exceed 50,000 hous
Working mode:	Auto/Sound mode,DMX mode 3 ,4 or 7 channels selectable
Dimensions:	240X240X340mm
Weight(net/gross):	1.6kgs/2.6kgs